

Senior Data Analyst – Technical Lead

Data mining/mathematical modeling/mysql/traffic analysis
BA Applied Mathematics University of California at Berkeley

Professional Summary:

- 7 years experience in Data Analysis
- Team Management and Technical Team Lead
- Mathematical Modeling
- Expert Mysql data manipulation and data retrieval skills
- Custom report creation and programming

Technical Skills:

- Mysql Databases
- Scripting in Perl
- Mathematical Modeling in R & Matlab
- Tableau, Custom Dashboards
- Working in Unix/Linux Environment

Experience:

Remilon (5/2012 – current)

- **Technical Data Analyst**
 - Created Traffic and Lead Forecasting Models
 - Built custom Dashboards for various teams (Tableau)
 - Designed tables for Dashboards and back populated them.
 - Implemented Alert System
 - Programmed Data Transformation (in Pentaho)

Consulting Work for Outsourcing Startup:

- Designed & Created Database Schema and queries for Outsourcing startup.(4/2012)

Friendfinder Networks (2006-2012)

- **Senior Business Analyst Technical Team Lead** (06/2011 – 3/2012)
 - Trained new analytics team
 - Created predictive models to determine spending limits
 - Implemented and programmed daily email reports and dashboards
 - Ad Hoc queries and reports
 - Pinpointed problems with site
 - Designed and implemented data warehouse structure
- **Risk Analytics Manager** Networks (06/2010 – 06/2011)
 - Managed and hired Risk Analytics Team
 - Designed risk engine by using predictive modeling to distribute transactions among multiple banks to optimize chargeback rates
 - Created automated email dashboard for monitoring orders/chargebacks/credits
 - Created and programmed cgi reports for use by other teams

- **Senior Web Analyst** (06/2006 – 09/2010)
 - Produced mathematical models for predicting site performance
 - Devised algorithms to forecast revenue
 - Created ad hoc reports from large datasets and multiple data sources
 - Developed queries for periodical reports
 - Defined Metrics and prepared numbers for S1 filing
 - Programmed web interfaced custom reporting tool
 - Acted as technical team lead and trained people on our DB structures
 - Managed AB and Multivariable tests and developed future tests
 - Put together large financial reports.
 - Created data warehouse structures
 - ops problems
 - Maintained Nagios alert system

Internship at Xantrex Technologies, Solar and Wind energy Inverters (6/2005-9/2005)

- Created installation and maintenance manuals, disassembled and assembled large inverters, computer modeled doubly-fed generators (<http://www.xantrex.com>)

Independent translation work of technical brochures for Fujitsu-Siemens Computers (4/2005)

Site Manager and Affiliate Manager at FriendFinder Inc. (07/2000-08/2002)

- Co created and successfully ran German department and website; Managed specific projects; Administered a small team; Oversaw quality assurance; Negotiated with affiliates; Translated official legal documents; Increased revenue; Scripted, programmed and debugged HTML and Perl code.

Education:

University of California at Berkeley, Bachelors Degree in Applied Mathematics with focus on mathematical modeling, minor in German studies (2006)

San Jose State University, some classes toward aerospace engineering MS (2010)

Foothill College, Los Altos, Ca, Associates Degree in Computer Science (2002)

Fachoberschule Wasserburg, Germany. Science and Mathematics Degree (“mатematisch-naturwissenschaftliches Abitur”).

University Focus:

- Mathematical modeling
- Simulation of engineering problems i.e heat transfer, pollution dispersion, wind power
- Developed engine management while participating in the Super High Mileage Vehicle team.

Computer skills:

MYSQL, Mat lab, R, MS Access, Excel
Perl, HTML
Google Analytics

Languages Skills:

German (fluent, second mother-tongue)
French (basic skills, conversational)

Personal interests:

Backpacking, Skiing, Engine repair, Arduino Programming.

